

## ABSTRACT OF THE DISCLOSURE

Compositions and methods that use the body's natural secretory immune system in a new way against steroid hormone responsive tumors of the breast and prostate, as well as other glandular/mucus epithelial tissues such as colon, ovary, endometrium, kidney, bladder, stomach, pancreas and secretory pituitary gland are provided. Also provided are new ways of identifying carcinogenic, or potentially carcinogenic, bacteria in a tissue or body fluid to provide better anti-cancer therapies and preventatives than have been available previously.